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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,286	09/23/2004	Wolfgang Keil	2002P05160WOUS	3698
29177	7590	01/29/2008	EXAMINER [REDACTED]	
BELL, BOYD & LLOYD, LLP P.O. BOX 1135 CHICAGO, IL 60690			LI, GUANG W	
		ART UNIT [REDACTED]	PAPER NUMBER 2146	
		MAIL DATE 01/29/2008	DELIVERY MODE PAPER	

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

**Advisory Action  
Before the Filing of an Appeal Brief**

<b>Application No.</b>	<b>Applicant(s)</b>	
10/509,286	KEIL, WOLFGANG	
<b>Examiner</b>	<b>Art Unit</b>	
Guang Li	2146	

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 01/03/2008 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1.  The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:

a)  The period for reply expires \_\_\_\_\_ months from the mailing date of the final rejection.  
 b)  The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**NOTICE OF APPEAL**

2.  The Notice of Appeal was filed on \_\_\_\_\_. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

**AMENDMENTS**

3.  The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because  
 (a)  They raise new issues that would require further consideration and/or search (see NOTE below);  
 (b)  They raise the issue of new matter (see NOTE below);  
 (c)  They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or  
 (d)  They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: \_\_\_\_\_. (See 37 CFR 1.116 and 41.33(a)).

4.  The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).  
 5.  Applicant's reply has overcome the following rejection(s): \_\_\_\_\_.  
 6.  Newly proposed or amended claim(s) \_\_\_\_\_ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7.  For purposes of appeal, the proposed amendment(s): a)  will not be entered, or b)  will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: \_\_\_\_\_.

Claim(s) objected to: \_\_\_\_\_.

Claim(s) rejected: \_\_\_\_\_.

Claim(s) withdrawn from consideration: \_\_\_\_\_.

**AFFIDAVIT OR OTHER EVIDENCE**

8.  The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).  
 9.  The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing a good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

10.  The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

**REQUEST FOR RECONSIDERATION/OTHER**

11.  The request for reconsideration has been considered but does NOT place the application in condition for allowance because:  
see Continues Sheet.  
 12.  Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). \_\_\_\_\_.  
 13.  Other: \_\_\_\_\_.

JEFFREY PWU  
SUPERVISORY PATENT EXAMINER

- A) The amended claim 21 add the limitation "the uppper limites for the number of logically address
- B) An Edge router is not an AAA server and there is no disclosure in Salama to suggest the edge router includes an AAA server
- C) Regularly sending an updated message between AAA servers
- D) estimate a number of logical address issuable by first AAA server
- E) product of maximum rate at which AAA server can process requests different than Prior Art Salama discloses

Response to A, examiner disagree with applicant's argument A. applicant address out the new limitation change the ground of rejection need further research

Response to B, examiner disagree with applicant's argument B. An edge router can be perform AAA server because performing the same function as the AAA server. The only difference is it controls the local address pools instead of AAA server control the Global IP address

Response to C, examiner disagree with applicant's argument C. Regularly sending an update message between the AAA server to the Edge router (A global IP address pool 400 is maintained in AAA server 405 and the Edge routers 410 and 415 communicate with AAA server via AAA proxies 420 and 425 for update the Global address) see col.7 lines 21-26 and global IP Address pool 600 is maintained in DHCP server 605 see col.7 lines 54-57.

Response to D, examiner disagree with applicant's argument D. In the prior art, col.8 lines 64-67, Salama discloses local IP address monitor 840 local IP address pool utilization us determining how many IP address been assigned and whether excess the high water mark level.

Response to E, examiner disagree with applicant's argument E. In the prior art, col. 4 lines 15-24 disclose on-demand management of internet protocol (IP) address pool includes an allocator an unused IP address from a local IP address pool designed for remote domain. Salama disclose the limitation "forming the product of maximum rate at which AA server can process requests" by reuse the unused IP address from a local IP address pool for maximum rate using the address pool address.



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